Index of Claims

Application No.

09/830,967

Examiner

Applicant(s)

CARCAGNO ET AL.

Art Unit

Fozia M Hamud

1647

√ Rejected
= Allowed

\_\_ (Through numeral) Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| CI                | CV) Date                        |                |           |              |              |              |              |         |              |            |                   |
|-------------------|---------------------------------|----------------|-----------|--------------|--------------|--------------|--------------|---------|--------------|------------|-------------------|
|                   | _                               | ij             | <u> </u>  |              | T            | Ť            | T            | ·       | Т            | Τ          | 7-                |
| Final             | Original                        | 150/00         |           |              |              |              |              |         |              |            |                   |
| <u></u>           |                                 |                |           |              | 1            | 4            | 4            |         | <u> </u>     | _          | _                 |
| <b>├</b> ,        | 1<br>2<br>3<br>4<br>5<br>6<br>7 | =              | _         | _            | +            | +            | +            |         | <del> </del> | +          | +                 |
| 1                 | 3                               | +              | -         | _            | +-           | +            | +            | _       | -            | +          | +-                |
| 4                 | 4                               | ##             | -         | _            | ╁            | +            | +            |         | t            | +-         | +                 |
| 5                 | 5                               | † † †          | 7         |              | T            | 1            |              |         |              | +-         | +-                |
| 6                 | 6                               |                |           |              |              |              |              |         |              | 1          | 1                 |
| 7                 | 7                               |                |           |              |              |              | I            |         |              |            |                   |
| -                 | 8                               | -              | 4         |              |              | 1            | 1            |         |              | ╄          |                   |
| 13                | 9                               | + +            | -+        |              | -            | +            | $\downarrow$ |         | <u> </u>     | $\perp$    | -                 |
| 11                | 11                              | <del> </del> ∦ | -+        |              | <del> </del> | +-           | +            | _       | _            | +          | +                 |
| 12                | 12                              | 1              | +         |              | +            | +            | +            | -       | -            | +          | +                 |
| 20 7 1 2000 ONENE | 13                              |                | +         |              | -            | $^{+}$       | $^{\dagger}$ |         |              | +          | +                 |
| VI                | 11<br>12<br>13<br>14            | Y              |           | _            |              | $\top$       | +            |         |              | $\vdash$   | $\dagger \exists$ |
|                   | 15 '                            |                | I         | _            |              |              | I            |         |              |            |                   |
|                   | 16                              |                | _         |              |              | $\perp$      | 1            |         |              |            |                   |
|                   | 17                              |                | +         |              | _            | $\perp$      | -            |         |              | ļ          | $\sqcup$          |
|                   | 18<br>19                        |                |           | -            |              | -            | +            | 4       |              | ļ          | 1                 |
|                   | 20                              |                | +         | _            |              | +            | +            | +       |              | ├          | $\vdash$          |
|                   | 21                              | -              | +         |              | _            | +-           | +            | 1       |              | -          | $\vdash$          |
|                   | 22                              |                | +         |              |              | $^{\dagger}$ | +            | +       |              | _          | $\vdash$          |
|                   | 23                              |                |           |              |              | Ι            |              | 7       |              |            | П                 |
|                   | 24                              |                |           |              |              | Γ            | Ι            |         |              |            |                   |
|                   | 25                              |                | 4         | 4            |              | 1_           | _            | 1       |              |            |                   |
|                   | 26<br>27                        |                |           | -            |              | ⊬            | $\perp$      | 4       |              |            |                   |
|                   | 28                              |                | +         | $\dashv$     |              | <del> </del> | +            | +       |              | ļ          | Щ                 |
|                   | 29                              |                | +         | $\dashv$     |              | -            | +            | +       |              | -          | $\vdash$          |
|                   | 30                              | _              | $^{+}$    | +            |              | -            | ✝            | +       | -            |            |                   |
|                   | 31                              |                | +         |              | _            |              | t            | Ť       |              |            |                   |
|                   | 32                              |                |           |              |              |              | T            |         |              |            |                   |
|                   | 33                              | _ _            | 1         | 4            |              | L            |              | $\perp$ |              |            |                   |
|                   | 34                              |                | +         | 4            |              | _            | -            | 4       | _            |            | _                 |
| +                 | 35<br>36                        | +              | +         | +            |              | -            | {-           | +       | -            |            |                   |
|                   | 37                              | +-             | +         | +            |              | _            | ╁            | +       | +            | -          |                   |
|                   | 38                              | 1              | $\dagger$ | $\dagger$    |              | -            | +            | +       | $\dashv$     | $\dashv$   | $\dashv$          |
|                   | 39                              |                | T         | 7            |              | _            | 1            | Ť       | 寸            |            | -                 |
|                   | 40                              |                | L         | I            |              |              |              | Ι       |              |            |                   |
| - +               | 41                              | -              | <u> </u>  | $\downarrow$ |              |              | _            | 1       | 4            | $\Box$     |                   |
|                   | 42<br>43                        |                | +         | +            | 4            |              | -            | 1       | -            | 4          |                   |
| -+-               | 43                              | +              | +         | +            | -            |              | -            | +       | 4            | -          | _                 |
| _                 | 45                              | +-             | +         | +            | +            |              | -            | +-      | +            | +          | $\dashv$          |
|                   | 46                              | +              | +-        | +            | 1            |              | -            | ╁       | +            | $\dashv$   | $\dashv$          |
|                   | 47                              |                | 1         | +            | 1            |              |              | 1       | +            | $\dashv$   | $\exists$         |
|                   | 48                              |                |           | I            |              |              |              |         | _            | $\top$     | $\neg$            |
| 1                 | 49                              |                |           | Ţ            | Ţ            |              |              | L       | I            |            |                   |
|                   | 50                              |                | <u> </u>  | 1            | $\perp$      |              |              |         | $\prod$      | $_{\rm I}$ |                   |

| Claim    |          | T            | _            |   | - | _ | - |   | - | $\overline{}$ | _  | _        |   | _ | _  | _        | _        |
|----------|----------|--------------|--------------|---|---|---|---|---|---|---------------|----|----------|---|---|----|----------|----------|
| -        | Jaiin    | -+           | _            | Т | _ | 1 | _ | _                                       |   | Di            | at | e_       |   | _ | _  | _        |          |
| Final    | Original |              |              |   |   |   |   |   |   |               |    |          |   |   |    |          |          |
| _        | 51       | +            |              | H | - | t | - | t                                       |   | +             | _  | ┝        | 4 | H | +  | _        | +        |
|          | 52       | 2            |              | ı | _ | t |   | t                                       | _ | t             | _  | H        | 7 | _ | +  | _        | +        |
|          | 53       | 3            |              | Γ |   | T | _ | †                                       | _ | T             |    | Г        | 7 | _ | 1  |          | †        |
|          | 54       | · I          |              |   |   |   |   | T                                       |   |               |    | 1        | 1 | _ | T  | _        | T        |
| L_       | 55       | Ļ            |              |   |   |   |   | I                                       |   | Γ             |    |          |   |   |    |          | T        |
| <u> </u> | 56       | 1            |              | L | _ | L |   | 1                                       | _ | L             | _  |          |   |   | I  |          | L        |
| <u> </u> | 57       | $\perp$      | _            |   |   | L | _ | 1                                       | _ | ┞             |    |          | 4 | _ | Ţ  |          | L        |
| <u> </u> | 58<br>59 | -            | _            | _ |   | - |   | Ł                                       | _ | Ļ             | _  | _        | 4 | _ | +  |          | Ļ        |
| <u> </u> | 60       |              | -            | - | _ | - |   | ⊦                                       | _ | H             | -  | _        | 4 | _ | +  | _        | 1        |
| <u> </u> | 61       | +            | -            | _ | _ | - | _ | -                                       | _ | -             | -  |          | + | _ | +  | _        | ⊢        |
| <u> </u> | 62       | +            | -            |   | - | H | - | H                                       |   | -             | +  | -        | + | _ | +  | -        | ├        |
|          | 63       | +            | -            | _ | _ | H | _ | H                                       | - | $\vdash$      | +  | _        | + | - | ╁  | _        | ├        |
|          | 64       | +            | +            |   |   | r |   | ┢                                       |   | H             | +  | _        | t |   | +  | -        | H        |
|          | 65       | T            | 1            |   | _ |   |   | T                                       |   |               | 7  | _        | † |   | †  | _        | -        |
|          | 66       |              |              |   |   |   |   | Г                                       | _ |               | 1  | _        | Ť |   | T  | _        |          |
|          | 67       |              |              |   |   |   |   |   |   |               |    |          | T |   | Τ  |          | Г        |
|          | 68       | 1            | $\downarrow$ |   |   |   |   |   |   |               |    |          | Ι |   |    |          |          |
|          | 69       | 1            | 1            | _ | _ |   | ┙ | L                                       | _ |               |    |          | 1 |   |    |          |          |
|          | 70       | +            | 4            |   | 4 |   | 4 | _                                       | 4 |               | 1  |          | ļ |   | 1  |          |          |
|          | 71       | +            | +            | _ | 1 |   | 4 |   | - |               | +  |          | ļ | _ | L  |          |          |
|          | 72<br>73 | +            | +            | _ | 4 | _ | 4 | _                                       | 4 |               | +  |          | ╀ |   | Ļ. | _        |          |
|          | 74       | +            | $\dot{+}$    |   | + | - | + | _                                       | + |               | +  | -        | ł | _ | ╁  | _        |          |
|          | 75       | +            | +            | _ | + | - | + | -                                       | + |               | +  | _        | ╀ | - | -  | 4        |          |
|          | 76       | +            | +            |   | t |   | + |   | + |               | +  |          | - | - | -  | $\dashv$ |          |
|          | 77       | 1-           | †            |   | 1 | _ | 7 |   | 1 |               | t  |          | - |   |    | 1        | _        |
|          | 78       |              | Ī            |   |   |   | 1 |   | Ī |               | 1  |          |   |   | _  | 1        | _        |
|          | 79       | _            | 1            |   | 1 |   | 1 |   | I |               | Ι  |          |   |   |    |          |          |
|          | 80       | ▙            | 1            | _ | 1 |   | 1 |   | 1 | _             | Ĺ  |          | L |   |    | 1        | _        |
|          | 81       | <del> </del> | ╀            |   | 4 | _ | 1 | _                                       | 1 |               | L  |          | L | _ |    | 4        |          |
|          | 82<br>83 | -            | +            | _ | 1 | _ | + | _                                       | + |               | -  |          | _ |   | _  | 1        |          |
|          | 84       | ├-           | +            | - | ł |   | ł |   | + | _             | ╀  | -        |   |   |    | +        |          |
|          | 85       | <del> </del> | t            |   | t |   | t | _                                       | t |               | +  |          | - | - |    | +        |          |
|          | 86       |              | t            | _ | Ť |   | t | _                                       | t | _             | t  |          | _ | + |    | †        | -        |
|          | 87       |              | Ţ            |   | Ī |   | Ť | _                                       | T |               | T  |          |   | 7 |    | Ť        |          |
|          | 88       |              |              |   |   |   | I |   | T |               |    |          |   | Ī |    | T        |          |
|          | 89       | _            | L            | _ | L |   |   |   | L |               |    |          |   |   |    | Ι        |          |
|          | 90       |              | L            |   | L | _ | 1 |   | L |               | L  |          |   | _ |    | ↓        |          |
|          | 91<br>92 |              | Ļ            | _ | - | _ | Ł |   | L | _             | L  | 4        | _ | 4 |    | 1        | _        |
| $\dashv$ | 93       |              | H            | - | H | _ | } | _                                       | ŀ |               |    | 4        | _ | 4 |    | +        |          |
|          | 94       | _            | $\vdash$     | - | H |   | + |   | H | -             |    | $\dashv$ |   | + |    | +        | -        |
| $\neg +$ | 95       |              | +            | 1 | - |   | - |   | - | $\dashv$      | -  | +        | _ | + | _  | ł        | $\dashv$ |
|          | 96       |              | r            | + | - | - | Н | _                                       |   | -             |    | +        |   | + |    | +        | $\dashv$ |
|          | 97       |              |              | 1 |   | - | Т |   | H | 7             |    | +        | - | † |    | t        | $\dashv$ |
|          | 98       |              |              | ] |   |   |   |   |   | _†            |    | 7        | _ | † | _  | Ť        | $\dashv$ |
|          | 99       |              |              | _ | _ |   |   |   |   |               | _  | I        |   | I | _  |          |          |
|          | 100      |              | _            | 1 |   |   |   | لــــــــــــــــــــــــــــــــــــــ | _ |               |    | 1        |   |   | _  | Ĺ        | $\Box$   |
|          |          |              |              |   |   |   |   |   |   |               |    |          |   |   |    |          |          |

| Claim    |            | 7              | Date         |              |          |           |           |                |          |          |            |   |  |
|----------|------------|----------------|--------------|--------------|----------|-----------|-----------|----------------|----------|----------|------------|---|--|
|          |            | T              | Т            | Т            | 7        |           | T         | Ť              |          | $\neg$   | 7          | - |  |
| Final    | Original   |                |              | 1            |          |           |           |                | -        |          |            |   |  |
| 1        | 8          |                |              |              | 1        |           | İ         |                |          |          |            |   |  |
|          | 101<br>102 | Ĺ              |              | +            | _        |           | ┢         | $\dagger$      | +        | +        | +          | _ |  |
| _        | 102        | <u> </u>       |              |              |          |           | Γ         | Ţ              | $\top$   | T        | $\top$     | _ |  |
|          | 103        |                |              |              |          |           |           |                |          |          | T          | Ī |  |
|          | 104        |                |              | 1            |          |           |           |                | T        | T        |            | - |  |
|          | 105        |                |              |              |          |           |           |                | T        | 1        | 7-         | 1 |  |
|          | 106        |                |              | L            |          |           |           |                |          | T        |            | 7 |  |
|          | 107        |                | _            | $\perp$      | $\perp$  |           |           |                |          |          | I          | 7 |  |
| <u></u>  | 108        | 1_             | L            | 1            | _        |           |           |                |          | $\perp$  | I          |   |  |
| -        | 109        | -              | _            | 4            | 4        | _         | _         | ļ_             | 1        | 1_       | <u>  .</u> | 1 |  |
| <u> </u> | 110<br>111 | ┼—             | _            | +            | $\dashv$ |           |           | <b> </b>       | ╁        | +-       | ↓_         | 4 |  |
|          | 111        | ├-             | H            | +            |          | _         |           | -              | +        | ┼        |            | 4 |  |
| -        | 112<br>113 | <del> </del> — | H            | +            |          | -         |           | <del> </del> − | ╀        | +-       |            | 4 |  |
| -        | 114        | -              | -            | +-           | +        | $\dashv$  |           | <del> </del>   | +-       | +-       | +          | 1 |  |
|          | 115        |                | _            | +-           | -        | ┪         | _         | ┢              | ╁        | +-       | +-         | ł |  |
|          | 116        |                |              | +            | +        | -         | _         | <del> </del>   | ╁        | +-       | +          | 1 |  |
|          | 117        |                |              | Ť            | Ť        | $\dashv$  |           | -              | 1        |          | +          | ł |  |
|          | 118        |                |              |              | 1        | T         |           |                | 1        | $\top$   | +          | 1 |  |
|          | 119        |                |              |              |          |           |           |                |          |          |            | 1 |  |
| Ĺ        | 120        |                |              | L            | I        |           |           |                |          |          |            |   |  |
|          | 121        |                |              | L            | 1        | 1         |           |                |          |          |            |   |  |
|          | 122        |                |              | L            | +        | 4         |           |                | _        | 1_       | 1          |   |  |
| -        | 123<br>124 |                |              | <del> </del> | +-       | +         | _         |                | <u> </u> | 1_       | 1-1        |   |  |
| -        | 125        |                |              | ┼            | +-       | -         |           |                | <u> </u> | ├        | $\dashv$   |   |  |
| ·        | 126        |                |              | ╁            | +        |           | -         |                | H        | -        | t-i        |   |  |
|          | 127        | $\neg$         |              | ✝            | $\top$   | $\dagger$ |           |                |          | -        | 1-1        |   |  |
|          | 128<br>129 |                |              |              | 1        | 1         | T         |                |          | <u> </u> | $\vdash$   |   |  |
|          | 129        |                |              |              |          |           |           |                |          |          |            |   |  |
| <u> </u> | 130        | _              |              |              |          | $\perp$   |           |                |          |          |            |   |  |
| <u> </u> | 131        | _              |              | L            | ╙        | 1         | $\dashv$  |                |          |          |            |   |  |
|          | 132<br>133 |                | _            |              | 4_       | 4         | 4         | _              |          | <u> </u> | Ш          |   |  |
|          | 134        | -              |              | _            | +-       | -         |           | $\dashv$       |          |          | H          |   |  |
|          | 135        | +              | -            |              | -        | +         |           |                |          |          |            |   |  |
|          | 136        | +              | -            |              | ╁        | +         | $\dashv$  | $\dashv$       |          |          | -          |   |  |
|          | 137        | _              |              |              | t        | +-        | -+        | $\dashv$       | _        | _        | -          |   |  |
|          | 138        |                |              | _            | 1-       | T         | 7         | +              |          |          | $\neg$     |   |  |
|          | 139        |                |              |              | Ī        |           | $\top$    | $\neg$         |          |          |            |   |  |
|          | 140        | 4              | _            |              |          |           |           |                |          |          |            |   |  |
|          | 141        | -+             | 4            | _            | _        | ļ         | 1         | _              |          | _        |            |   |  |
|          | 142<br>143 | -              | 4            |              | $\vdash$ | $\perp$   | $\perp$   | 4              | _        | _        | _          |   |  |
|          | 144        | +              | +            |              |          | +         | +         | $\dashv$       | -+       |          | _          |   |  |
| -+       | 145        | +              | +            |              | -        | +         | -+-       | +              | $\dashv$ | - +      | $\dashv$   |   |  |
|          | 146        | +              | +            |              | -        | +         | +         | +              | $\dashv$ | +        | $\dashv$   |   |  |
|          | 147        | _              | $^{\dagger}$ | _            | -        | +         | $^{+}$    | +              | +        | +        | $\dashv$   |   |  |
|          | 148        |                | $^{\dagger}$ |              | _        | $\vdash$  | $\dagger$ | +              | +        |          | $\neg$     |   |  |
|          | 149        |                |              |              |          |           | $\top$    |                | -†       | 1        |            |   |  |
|          | 150        | $\perp$        | I            |              |          | Γ         | T         | I              | I        |          | $\neg$     |   |  |